

### Coalition Contacts

- **Coachella Valley**  
Kenneth Doran, 760-343-3456  
kendorankwd@aol.com
- **East Bay (Oakland)**  
Chris Ferrara, 925-674-6533  
caf3@pge.com
- **Lake Tahoe**  
Nick Haven, 775-588-4547x. 256  
trpa@sierra.net
- **Lancaster**  
Brian Hawley, 661-723-6000
- **Long Beach**  
Elizabeth Wright, 562-570-2060  
elwright@ci.long-beach.ca.us
- **Los Angeles**  
T.L. Garrett, 213-580-1024  
tgarrett@ead.ci.la.us
- **Riverside**  
Ruthanne Taylor Berger, 951-787-7985  
berger@wrcog.cog.ca.us
- **Redwood Empire (Pending)**  
Chuck Hammond, 707-543-3903  
chammond@ci.santa-rosa.ca.us
- **Sacramento**  
Rick Slama, 916-327-2567  
rslama@dgs.ca.gov
- **San Diego**  
Alan Ridley, 858-538-3519  
alanpro@pacbell.net
- **San Francisco**  
Rick Ruvolo, 415-554-6184  
Rick\_Ruvolo@ci.sf.ca.us
- **San Joaquin Valley**  
Linda Urata, 661-833-5740  
info@projectcleanair.org
- **Santa Barbara (Pending)**  
Mike Grimes, 805-564-5377
- **South Bay (San Jose)**  
Rita Norton, 408-277-5533  
rita.norton@ci.sj.ca.us
- **Southern California Association of Governments (SCAG)**  
Sara West, 909-396-5757x. 221  
sarawest@tann.net

**Ernest Rios**  
California Clean Cities Program Manager  
510-637-1950  
ernest.rios@oak.doe.gov

**Shelley Launey**  
Director, National Clean Cities Program  
202-586-8161  
shelley.launey@hq.doe.gov

**David Rodgers**  
Director, Office of Technology Utilization  
202-586-7182  
david.rodgers@hq.doe.gov

**Gladstein & Associates, LLC**  
Clean Cities Program Specialist  
310-314-1934  
info@gladstein.org

**Clean Cities Hotline:**  
**1-800-CCITIES**

### Gray Turns Golden State Green: Governor Proposes \$347 Million for AFVs

It may not be St. Patrick's Day but California got a lot greener in the month of April when **California Governor Gray Davis** proposed **\$347 million** in alternative fuel vehicle (AFV) and infrastructure projects for the Golden State. The expenditure is part of the Governor's **\$5.24 billion** plan to address and relieve traffic congestion throughout the state. The **Governor's Traffic Congestion Relief Plan** takes the extra step and proposes improvements in air quality not only by reducing congestion but also by helping make those vehicles on the road *cleaner*. The Initiative also recommends funding for several major AFV deployment projects statewide, including natural gas buses for the **Bay Area, Central Valley, Los Angeles, Inland Empire** and **San Diego**, as well as a fuel cell bus demonstration project and an alternative fuel incentive program. Look for the entire package to appear as a Bond Measure on your November 2000 ballot!

For more information about the Governor's Traffic Congestion Relief Plan, visit [www.ca.gov](http://www.ca.gov).

### Running on Water & the Sun: SunLine Transit Debuts Hydrogen Production Facility

**SunLine Transit Agency** has unveiled the nation's first solar-hydrogen generating, refueling and educational facility, which will further the advancement of zero emission hydrogen fuel cell technology for the nation's transportation industry. Building on SunLine's prior hydrogen fuel cell experience, the **Sunline Hydrogen Generation and Education Pavilion** produces hydrogen through the use of renewable solar energy (with wind energy soon to be added), making it the cleanest, self-sufficient transit operation in the nation.

"This is a true milestone for transit, the **Coachella Valley**, and for public-private partnerships," noted **Richard Cromwell, III**, SunLine general manager and CEO. "What happens here in the next few years has the potential to change transportation forever."

Partnering on each of SunLine's revolutionary hydrogen/fuel-cell projects is the **U.S. Department of Energy**. Other project partners include the **Coachella Valley Clean Cities Coalition**, **California Air Resources Board**, **Schatz Energy Research Center at Humboldt State University**, **Clean Air Now**, and **Ballard Power Systems**.

Using electricity produced from a series of solar panels, water is "cracked" into its basic molecules – hydrogen and oxygen. The hydrogen is then compressed and stored



Photos Courtesy of Coachella Valley  
Clean Cities Coalition



**"What happens here...  
has the potential  
to change  
transportation  
forever"**

-- **Richard Cromwell III**,  
SunLine CEO

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# Upcoming Events

## SPECIAL THANKS

to

**Kim Cresencia &  
Steve Bimson**

**for the success of DOE's  
6th National Clean Cities  
Conference!**

**See ya in San Diego!**

**Clean Air 2000:  
Smart Transportation Solutions for  
California**

May 23, 2000

San Francisco, CA.

Contact: Rich Canino, 415-550-4345

**Naturally Clean Natural Gas:  
A Southern California Light,  
Medium and Heavy Duty Natural Gas  
Vehicle Expo**

June 7, 2000

Downey, California

Contact: Karen Sagen

Gladstein & Associates, LLC

310-314-1492

## FedFleet 2000

July 31 - August 3, 2000

Orlando, Florida

Contact: FedFleet 2000 Help Line

1-888-609-3895

www.fedfleet2000.com

**Future Transportation  
Technology Conference**

August 21 - 23, 2000

Costa Mesa, California

Contact: Karin Bolcschazy

724-772-7179 • karinb@sae.org

**Southern California Light-Duty  
Vehicle Symposium**

Fall 2000

Contact: Gladstein & Associates, LLC

310-314-1492

**Interstate Clean Transportation  
Corridor Fleet Operator's  
Workshop**

Fall 2000

Contact: Gladstein & Associates, LLC

310-314-1492

**Northern California Alternative Fuel  
Truck Expo**

Winter 2000

Contact: Gladstein & Associates, LLC

310-314-1492

# Ernie's Elbows

Dear Friends,

*On behalf of the 12 California Clean Cities Coalitions,  
Welcome to San Diego, and welcome to a new millennium!!*



*It's been a busy beginning to what promises to be an exciting  
year. In five short months, just look at what we've achieved:*

- ♦ *The San Joaquin Clean Cities Coalition celebrated California's largest single deployment of heavy-duty, over-the-road LNG trucks with the dedication of Harris Ranch's 12 Freightliner LNG tractors and publicly accessible refueling station.*
- ♦ *Sunline Transit unveiled the nation's first transit hydrogen generation facility.*
- ♦ *San Diego County broke ground on its state-of-the art, Regional Transportation Center during the 6th National Clean Cities Conference.*
- ♦ *The City and County of San Francisco passed one of the strongest municipal vehicle purchasing mandates in the country.*

*I am proud to be part of the California team of coordinators and stakeholders who have worked so hard in our campaign to increase the number of alternative fuel and electric vehicles on the road and develop the infrastructure to support them.*

*On a heartfelt note, I would like to extend my sincere appreciation to our retiring coalition coordinators, Paul Smock (Long Beach) and Kim Cresencia (San Diego). Their leadership and vision have guided not only their Coalitions, but all of California...toward cleaner air and a more secure nation. They will be sorely missed.*

*This week, as America watches the success of the U.S. Department of Energy's (DOE) 6th National Clean Cities Conference here in California, they will feel the strong support and leadership of Washington as we carry out DOE's clean air initiatives. Join me as we learn about Game Plan 2000, Performance Metrics, Technical Assistance Teams, and other exciting strategies and tools that Dan Reicher, Shelley Launey and David Rodgers, our illustrious leaders, will introduce in detail during the Conference.*

Sincerely,

Ernest Rios

California Clean Cities Program Manager  
U.S. Department of Energy

## Mission Statement

The U.S. Department of Energy's (DOE) Clean Cities program is a voluntary, locally based government/industry partnership to mobilize local stakeholders in the effort to expand the use of alternatives to gasoline and diesel fuel, accelerate the deployment of alternative fuel vehicles (AFVs), and build local AFV refueling infrastructure.

## Ground Breaks at National Clean Cities Conference

The earth moved with the sounds of celebration as **San Diego County** broke ground for its new **Regional Transportation Center**, kicking off the DOE's **Sixth National Clean Cities Conference** on May 7th. This revolutionary new alternative fuel vehicle (AFV) project is designed to introduce the general public of San Diego County to the benefits of AFVs.



San Diego's Regional Transportation Center will showcase the latest in alternative fuel technology.

The RTC will house an Alternative Fuels Education Center, AFV Showroom, AFV Rental/Demonstration Fleet, special Alternative Fuel Servicing Center and Fueling Pods. Funding for the **\$7.9 million project** was provided the **U.S. Department of Energy, Pearson Ford, Ford Motor Company, U.S., California Air Resources Board, City of San Diego**, and other organizations. The RTC is projected to open in January, 2001.

# Legislative Update

## Local Activities

### San Francisco Mandates Healthy Air

The energetic **City and County of San Francisco** started the millennium with a **Healthy Air and Smog Prevention Ordinance**, one of the strongest municipal vehicle purchasing mandates in the country. This landmark legislation requires that all new municipal fleet vehicle purchases be clean fuel vehicles, of which 10 percent must be electric. **For more information, contact Rick Ruvolo, San Francisco Clean Cities Coalition Coordinator at 415-554-6184.**

### Proposed Rules Poised to Clean South Coast Fleets

In the upcoming months, the **South Coast Air Quality Management District (SCAQMD)** will hold public hearings for a series of six measures designed to gradually shift public agencies to low emissions and alternative fuel vehicles, reducing both toxic and smog-forming air pollutants. This series of proposed regulations would require public agencies operating within the SCAQMD with fleets of 15 or more vehicles to purchase low emissions vehicles, or cleaner fuels, whenever replacing or purchasing new vehicles. The measures cover a range of applications, from transit buses to refuse collection trucks, to fleets used to transport passengers to and from the region's airports.

On June 16, the SCAQMD Governing Board will hold a public hearing for the first of these measures, **Proposed Rule 1191** – Light- and Medium-Duty Public Fleet Vehicles. **To learn more about the proposals and meetings, call Jack Broadbent at (909) 396-3789, or visit the SCAQMD web site at: [www.aqmd.gov](http://www.aqmd.gov).**

## Funding at your Fingertips...

### Congestion Mitigation and Air Quality Improvement (CMAQ) Program

Under the **Transportation Equity Act for the 21<sup>st</sup> Century (TEA-21)** California will receive more than **\$1.7 billion** to fund transportation control measures and programs designed to improve air quality.



**Contact your County Transportation Commission or Metropolitan Planning Organization for more information.**

### South Coast Air Quality Management District (SCAQMD) Technology Advancement Office Program

Approximately \$8 million is available for research and development projects to commercialize advanced low-emission transportation technologies. Criterion is based on technological innovation, emission reduction potential, commercialization and business development potential, and potential to reduce cost of emission control. Applications are accepted on an ongoing basis.

**Contact Cindy Sullivan at 909-396-3249; or visit [www.aqmd.gov](http://www.aqmd.gov)**

#### Some other good sites for info on current funding opportunities:

U.S. Department of Energy Clean Cities Program <a href="http://www.ccities.doe.gov">www.ccities.doe.gov</a>	California Energy Commission <a href="http://www.energy.ca.gov">www.energy.ca.gov</a>
California Air Resources Board <a href="http://www.arb.ca.gov">www.arb.ca.gov</a>	Commerce Business Daily <a href="http://www.cbdnet.access.gpo.gov">www.cbdnet.access.gpo.gov</a>

## State Activities



### Air Board Adopts Clean Transit Rule

The **California Air Resources Board (ARB)** recently adopted a public transit bus fleet rule that will further reduce air pollution from California transit buses and require some fleet operators to start using zero-emission buses in three years. The new transit bus rule, approved by the ARB in February, will start its phase-in in 2002, and affects about 8,500 buses at approximately 75 California transit agencies. The regulation offers transit agencies the flexibility of choosing between two "paths" – either a diesel or alternative fuel path – to lower air emissions. Both paths include a 15% Zero Emission Bus purchase requirement (from Model Year 2008-2015 for the diesel path, and Model Year 2010-2015 for the alternative fuel path). All transit agencies must meet a NOx fleet average of 4.8 as of 2002.

ARB staff estimates that the new transit bus rules, combined with normal fleet turnover, will bring statewide emissions reductions of seven tons per day of NOx and 12 tons per year of PM by 2020.

**For more information, visit the ARB website at [www.arb.ca.gov](http://www.arb.ca.gov).**

### Life in the HOV-Lane

Starting July 1, 2000, driving a low emission vehicle will save more than just the environment – it will save drivers time. Vehicles meeting California's ultra low-emission vehicle (ULEV) or super ultra low-emission vehicle (SULEV) standards and the federal inherently low-emission vehicle (ILEV) standard will be allowed in the high-occupancy vehicle (HOV/ carpool) lane even if the vehicle only has one occupant. The **Department of Motor Vehicles** will issue distinctive decals or other identifiers to be placed on the vehicles, designating those vehicles as low-emission. The program will run until December 31, 2003, for ULEVs and until December 31, 2007, for SULEVs.



**For more information contact the Department of Motor Vehicles.**

### CARB ZEV Mandate

The California Air Resources Board is conducting hearings on its zero-emission vehicle (ZEV) mandate, which requires 10 percent of all vehicles offered for sale or lease in California to be ZEVs by 2003. **For more information visit the ARB website at: [www.arb.ca.gov](http://www.arb.ca.gov).**

### Pending State Legislation

**SB 1726 (Burton)** – This bill would allow a credit up to \$3,000 for new zero-emission vehicles leased or purchased between January 1, 2001 and December 31, 2002.

**SB 1991 (Solis)** – This legislation would establish a Clean Alternative Fuel School Bus Program that includes a \$50 million fund for grants to school districts for the purchase of clean alternative fuel school buses, infrastructure, vehicle maintenance and training.

**SB 2068 (Solis)** – This bill provides, until January 1, 2010, an exemption from state sales and use taxes for the sale or lease of any natural gas, electric or fuel cell powered bus or truck for use exclusively in public transit, school bus or public works service.

**For more information about these bills and other legislation, visit the California State Senate website located at [www.sen.ca.gov](http://www.sen.ca.gov).**



## South Bay

### Natural Gas Takes out the Trash

**San Jose** residents will soon watch their waste get hauled away by 14 natural gas trash trucks as part of a **\$1 million** demonstration project undertaken by **USA Waste** and **Pickens Fuel Corporation**. With this funding, USA Waste will purchase ten new dedicated CNG refuse haulers and re-power four existing diesel trucks with CNG for its San Jose fleet. These vehicles are expected to be on the road by June 2001, and will be refueled at a publicly accessible, CNG station to be owned and operated by Pickens Fuel Corp. at USA Waste's San Jose facility. Pickens anticipates station completion in October 2000. **The Bay Area Air Quality Management District** approved this project last October. *San Jose, your garbage never looked so clean!*

For more information, contact Rita Norton at: 408-277-5333.



Courtesy of South Bay Clean Cities Coalition

## Sacramento

### Easy EV Leases in Sacramento

State and local public fleets located in the **Sacramento** area can now take advantage of a new electric vehicle (EV) incentive program that provides competitive pricing for EV leases. The "*ev Sacramento*" program, sponsored by the **California Air Resources Board** (ARB) and the **Department of General Services** (DGS) offsets the initial higher costs of EVs, and provides the first year of an EV lease for **FREE**. In the second and third years, the lease cost per vehicle will range from \$225-350/month, depending on the type of vehicle. This is comparable to DGS lease prices for conventional cars or pickups. Participants will also pay \$1000 for installation of a charging station. Any costs above this figure will be covered by the program.

For more information, contact Gayle Sweigert at the ARB at: 916-322-6923.

## East Bay (Oakland)

### Ecology Meets Enology

#### Aboard the Napa Valley Wine Train

Thanks to macaroni tycoon **Vincent DeDomenico**, the owner of the **Napa Valley Wine Train**, the residents and visitors to beautiful Napa Valley will soon enjoy cleaner, clearer air as the Wine Train converts its diesel engines to compressed natural gas (CNG). The tourist line already has one engine that uses natural gas, and has recently received **\$820,000** in **Carl Moyer Program** funding for a dedicated CNG locomotive. Each year the Wine Train carries more than 100,000 tourists through the vineyards between Napa and St. Helena, running up to three roundtrips daily. *Cheers to you, East Bay!*



Be sure to read about other East Bay **Clean Cities Coalition** activities on pages 6, 7 & 8!

For more information, contact Chris Ferrara at 925-674-6533.

Photo courtesy of East Bay Clean Cities Coalition

## Coalition

## San Francisco

### Cleaning the Streets of San Francisco

Efforts are underway to reduce heavy-duty vehicle emissions as the **City and County of San Francisco** continue working with **NorCal Waste, Inc.**, its contracted waste hauler, to implement a multi-phase liquefied natural gas (LNG) project. Purchase orders are currently in place for 15 new LNG solid waste transfer trucks, and NorCal further intends to convert 16 of its existing trucks to LNG. The project ultimately envisions a 31-truck, 100% LNG fleet and the first LNG fueling station in the San Francisco Bay Area.

### Things that Make You Go Vroom

As part of the **San Francisco Clean Cities Coalition's** clean taxi program, 30 dedicated CNG **Ford Crown Victorias** will soon hit the streets of San Francisco. This project is made possible through the collaborative efforts of a number of stakeholders combined with an innovative fusion of grant funding, reductions in taxi medallion and airport trip fees, and temporary changes in airport regulations that benefit CNG taxi cabs. More CNG taxi cabs are anticipated in the near future!

*Nice work, San Francisco!*

Contact Rick Ruvolo at 415-554-6184 for more information about the **San Francisco Clean Cities Coalition**.

## NW Riverside County

### Circle City Sets Stage for Expanded AFV Market

**Corona**, the "Circle City," is demonstrating commendable leadership as a new member of the **Northwest Riverside County Clean Cities Coalition**, as noted by the City's recent approval of plans for a state-of-the-art alternative fuels station.

The publicly accessible station is expected to service fleets operated by the **City of Corona**, **Riverside County**, **City of Norco**, **Corona-Norco School District**, **Riverside Community College** and several private fleets, providing CNG, ethanol, electric charging as well as conventional fuels. Transportation planners anticipate the station to be operational by February 2002, pending acquisition of needed funding.

This project marks another bold step into the alternative fuels arena by Corona, which has already signaled its commitment to Coalition objectives with its active procurement and support of alternative fuel vehicles (AFVs). Currently the City operates 56 AFVs, with more planned for the coming year. *Corona, you take the Crown!*

In addition to the City of Corona, the Northwest Riverside County **Clean Cities Coalition** also extends a warm welcome to new stakeholders **Unicars Honda** of Indio and the **City of Norco**.

Visit the new Northwest Riverside County **Clean Cities Coalition** website for more information about Coalition activities: [www.wrcog.cog.ca.us/clean-ci/profile1.htm](http://www.wrcog.cog.ca.us/clean-ci/profile1.htm).

# News!

## San Joaquin Valley

### Bombardiers on the Beat

Police officers for the **Clovis Unified School District** now do their part to keep the air clean while preserving the peace. Last December the school district introduced two micro-compact, electric powered cars for use by Clovis school police. The small cars are

"**Bombardier's**," pronounced Bomb-bar-dee-ays. "These electric vehicles make sense for Clovis Unified," said **Bob Riding**, Technical Li-

aison for the **San Joaquin Valley Clean Cities Coalition** and Clean

Air Transportation Program Manager for **Pacific Gas and Electric Company**. "They're cleaner, they're quieter, and they're less expensive to purchase and maintain than the traditional gasoline vehicles." The high-tech, off-street cars can travel at up to 27 mph and have a 30-mile range per electric charge. They cost about \$7,500 each and were purchased, in part, through a clean-air grant from the **Wal-Mart** national retail chain.

Contact **Bob Riding** at 559-263-5530 for more information.

Photo courtesy of San Joaquin Valley Clean Cities Coalition.



## San Diego

### Clean Fuels Coalition Update

The membership of the **San Diego Regional Clean Fuels Coalition** continues to thrive. In 1999, the Coalition welcomed 28 new members including **U.S. House of Representatives Member Brian P. Bilbray** and **City of San Diego Council Member Christine Kehoe**. The Coalition now boasts a total of 76 members, who continue working together to add AFVs into the San Diego region. Thus far, their efforts have brought the total number of AFVs to over 2300!

### New Coordinator Takes a Seat

California **Clean Cities** extends a warm welcome to San Diego's new **Clean Cities** Coordinator, **Alan Ridley**. Alan is currently an adjunct business faculty member at **Cuyamaca College**, one of the original Coalition stakeholders. He looks forward to building on the momentum of the Coalition, adding members and increasing the use of alternative fuel vehicles.

Alan takes the torch from **Kim Cresencia**, who is stepping down after enthusiastically coordinating **Clean Cities** activities since the program's inception in 1995. Her hard work and dedication were instrumental in getting the **Clean Cities** designation for San Diego, and her efforts in coordinating the National **Clean Cities** Conference are astounding! *Thank you, Kim!*

## Coalition Shorts



## COACHELLA VALLEY

### Preserving Paradise: CNG to Keep Desert Clean

Summer is barely approaching and already the **Coachella Valley Clean Cities Coalition** is turning up the heat with several noteworthy alternative fuel projects. This includes the recently launched **SunLease Program**, coordinated by **SunLine Transit Agency**, which leases CNG vehicles to local businesses and will include four **SunLease Ford CNG shuttles**. SunLine is also working with **Pickens Fuel Corporation** to help buy down the cost of up to 50 CNG taxis with state grant funds. Pickens is currently planning to build new CNG stations in **Cathedral City** and **Desert Hot Springs**, which will result in a total of seven additional public CNG stations in the Coachella Valley!

To learn more about **Coachella Valley Clean Cities Coalition** activities, contact **Ken Doran** at 760-343-3456.

## SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS (SCAG)

### SCAG Adds Members, AFVs

The **SCAG Clean Cities Coalition** is riding on the momentum of 1999 and continues to broaden its reach. Four cities and two companies have joined the coalition, including the cities of **Colton**, **Chino Hills**, **San Bernardino** and **Downey**, and the **Adept Group** and **Biodiesel Development Corporation**. Strong strides have also been noted in AFV acquisition and station development, with 10 AFV refueling sites added in 1999 and **89 more** anticipated over the next 12 months. The SCAG Coalition also expects **700 new AFVs** within the year.

For more information, contact **Sara West** at 909-396-5757x. 221.

## LAKE TAHOE

### CNG to Fuel South Shore Transit

The future looks clear near the "Lake of the Sky" as the **Lake Tahoe Clean Cities Coalition** continues to develop a comprehensive compressed natural gas (CNG) vehicle and infrastructure program. A new CNG fueling station located on the **South Shore** is expected to be operational by the end of 2000. This "Coordinated Transit System" will service both the local transit fleet as well as other fleets operating in the South Lake Tahoe area. The local transit operator is already in the process of ordering two new CNG buses and four new CNG vans. The North Shore Transit Operator is also ordering three 40-foot CNG buses and looking into L/CNG infrastructure on site. The **Lake Tahoe Clean Cities Coalition** hopes to eventually have all transit vehicles in the Tahoe Basin running on CNG. *Way to go, Lake Tahoe!*

For more information contact **Nick Haven** at 775-588-4547x. 256.

## LONG BEACH

### Fond Farewell

The **Long Beach Coalition** bids farewell and thanks to **Paul Smock**, the first **Clean Cities** Coordinator for the Long Beach Coalition. After more than five years of dedicated service, Paul is retiring, leaving behind a legacy of leadership and commitment that has contributed to the success of the **Clean Cities Program**. He helped establish the Long Beach coalition in 1994 and played an integral role in the coalition's advancement in the procurement of alternative fuel vehicles. *Our thanks to Paul for his great work!*

**Shorts** continued on page 8...





## National Spotlight...

### New Clean Cities Goals, Game Plan for 2000

Building on the momentum created by *Clean Cities Coalitions*, the **U.S. Department of Energy** has released the following new program goals through 2010:

- **1 million AFVs deployed by 2010;**
- **1 billion gasoline gallon equivalents/year used by AFVs by 2010;**
- **75% of Clean Cities self-sustaining by 2005.**

To achieve these new *Clean Cities* goals, the DOE released "Game Plan 2000," a comprehensive three-part strategy designed to:

- 1) "Advance the AFV Choice," increasing the number of AFVs on the road and alternative fuel infrastructure by identifying and educating fleet operators, promoting the use of AFVs, and providing rebates;
- 2) Create greater public awareness and acceptance of alternative fuels and of the *Clean Cities* program through outreach programs and public information strategies; and
- 3) Strengthen local *Clean Cities* coalitions by providing training materials and workshops to help coalitions effectively promote alternative fuels in their communities.

These goals and the Game Plan 2000 will be introduced in greater detail at the National *Clean Cities* Conference. For more information, contact **Ernie Rios at 510-637-1950**, or your local *Clean Cities* Coalition.

### Assessing Success:

#### Performance Metrics for Clean Cities

The **U.S. Department of Energy's Clean Cities Program** is currently developing a strategy they call "**Performance Metrics**," which will provide them with a simple, effective and consistent methodology for evaluating the relative performance of each *Clean Cities* Coalition.

This methodology will likely be based on the number of AFVs added to the coalition, the number of refueling stations added, and the number of AFVs per million people residing within the coalition. Projects involving dedicated AFVs instead of flex-fuel vehicles will be given

greater weight. Other factors, such as the strength of the coalition and its level of activity in meeting and achieving *Clean Cities* goals, coordinating events, and promoting AFV legislation, will also be incorporated into the formula.

Using these criteria and *Clean Cities* survey results from 1998, coalitions from the West Coast region consistently rated among the top 25 nationwide. From California these coalitions included: **Los Angeles, San Diego, Sacramento, San Joaquin Valley, Northwest Riverside County, and San Jose.** *Keep up the good work!*

## Got A Niche??

A new focus for *Clean Cities* efforts will be on expanding the definition of niche markets to target those areas where a variety of vehicle types travel around and within **activity centers** – such as universities and airports. Niche markets include fleets that are high mileage, capable of being centrally-fueled or fleets that are low mileage and are high-use vehicles. Targeting AFV implementation in these hubs will allow central infrastructure to service a variety of vehicle types, such as buses and light-and medium-duty vehicles.

*Check out these niche market projects already underway in California---*

### Napa Kids Ride Clean

By the end of February 2001, the **Napa Valley Unified School District (NVUSD)** will become the only school district in California to run their entire school bus fleet on CNG buses.

Their fleet now totals 24 CNG buses, including seven newly acquired **Blue Bird** buses. The **East Bay (Oakland) Clean Cities Coalition** thanks the NVUSD managers who have been instrumental in planning and shaping the successful CNG industry in the Napa Valley region, especially **Transportation Director Ralph Knight**, who made this all possible.



### Kern County Superintendent Approves CNG/LNG Superstation

The **Kern County Superintendent of Schools** has been awarded **\$1.4 million** in **Congestion Mitigation and Air Quality Improvement (CMAQ)** funding to construct a public-access fueling "Superstation" that will provide fleets with CNG, LNG and traditional fuels. Located conveniently near California Highway 58 and Union Avenue, the facility will routinely serve the needs of several local government fleets and area school districts, including **Golden Empire Transit, Kern Regional Transit, Kern County, the City of Bakersfield, and Kern High School District.** **Kern High School District** already hosts the second largest CNG school bus fleet in the nation, with 44 CNG buses currently in use. The "Superstation" project is part of a comprehensive Master Infrastructure Plan (MIP) that envisions strategic placement of alternative fuel facilities throughout Kern County. Project planners expect ground to be broken within the next few months, with the station becoming operational by the end of the year.

**To learn more about the MIP, contact Linda Urata of the San Joaquin Valley Clean Cities Coalition: 661-833-5740.**

Schools are niche-in'

## Interstate Clean Transportation Corridor Update

### Harris Ranch Dedicates Largest Deployment of Clean Trucks in California History

Amidst an unlikely coalition of cattle ranchers, truckers and environmentalists, **Harris Ranch (Coalinga, Calif.)** recently unveiled its fleet of 12 liquefied natural gas (LNG) big rigs and public-access LNG fueling station at a dedication ceremony held on February 9, 2000. The event signified the largest launch **ever** of LNG vehicles in the history of California, the culmination of three years of planning and cooperation between Harris Ranch staff, the **INTERSTATE CLEAN TRANSPORTATION CORRIDOR (ICTC)** and the **San Joaquin Valley Clean Cities Coalition**.

This facility is the first of three LNG fueling stations planned for California's Central Valley, which will serve as major links in the **San Joaquin Valley Clean Corridor Project (CCP)** portion of the **ICTC**. Harris Ranch has contributed \$1.1 million to the new fleet and fueling station's \$2 million cost, with the remainder funded through a variety of public and private sources, including a **DOE State Energy Program** grant.

Congratulations to **Harris Ranch** and the **San Joaquin Valley CCP** for their perseverance and success. We hope that the outstanding leadership demonstrated by Harris Ranch will spur other companies to do the same!



Photos by Erik Neandross



### Other ICTC News...

ICTC efforts have assisted the **Vons Companies, Inc.** with the successful deployment of **30 CAT C-12 dual-fuel (LNG/diesel) delivery trucks** and a new public-access LNG fueling station at its **Santa Fe Springs, Calif.,** distribution facility. Additionally, **ICTC** anticipates that three more public access LNG fueling stations will be operating in the cities of **Barstow, Riverside** and **Tulare**.

**For more information about the ICTC project, contact: Erik Neandross, ICTC Project Manager at: 310-314-1934, or check out the new ICTC website located at: [www.gladstein.org](http://www.gladstein.org).**

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## Niches, Continued...

**Airports Got the Niche!**

### Ford Grant to Help Oakland Reduce Airport Emissions

The **Port of Oakland** was recently selected as one of only three airports in the country to receive a grant from the **Ford Motor Company** as part of a program to reduce emissions and improve air quality. Under the grant, the Port will receive **19 CNG Ford Econoline vans** and **\$150,000** that will go toward the construction of a CNG fueling station. The vans will be leased to ground transportation operators for use in transporting passengers to and from the **Oakland International Airport**. This is a huge jumpstart for the Port's **\$1.5 million Airport Air Quality Improvement Program**, which aims to reduce emissions associated with the Oakland International airport. **Thanks to Steve Van and Jason Munkres of the Port of Oakland for leading this fine effort!**

**For more information contact Chris Ferrara, East Bay (Oakland) Clean Cities Coalition Coordinator at 925-674-6533.**

### Super Clean Shuttle Service

The **South Bay Clean Cities Coalition** is optimistic that the **Santa Clara Valley Transportation Authority** will soon approve a **\$1 million** proposal designed to minimize pollutant emissions generated by activities at the **San Jose International Airport**. The proposed project requests **\$500,000** to offset the costs of purchasing 10 natural gas buses to shuttle passengers between airport terminals and the airport's new consolidated rental car facility site. The remaining **\$500,000** will go toward the cost of building a natural gas refueling station to service these buses, as well as other natural gas vehicles that operate at the Airport.

**Contact Rita Norton, South Bay Clean Cities Coalition Coordinator for more information at: 408-277-5533.**



### Southwest Airlines to Add Clean Tractors

Thanks to funding from the **San Diego Air Pollution Control District**, **Southwest Airlines (SWA)** plans to complete conversion of two pushback tractors from diesel to electric at **San Diego International Airport/Lindbergh Field**.

**For details contact San Diego Clean Fuels Coalition Coordinator Alan Ridley at: 858-538-3519.**



# Surf These!



## Coalitions Enter Cyberspace

**Check it out!** San Joaquin Valley and Northwest Riverside County became the latest California Clean Cities Coalitions to create their own web sites. For the latest information on Coalition activities, alternative fuels, funding, laws affecting fleets and more, visit these sites!

### Clean Cities Sites

**U.S. DOE Clean Cities**  
[www.ccities.doe.gov](http://www.ccities.doe.gov)

**San Diego Clean Fuels Coalition**  
[www.sdrafvc.org](http://www.sdrafvc.org)

**San Joaquin Valley Clean Cities Coalition**  
[www.sanjoaquinvalleyccc.org](http://www.sanjoaquinvalleyccc.org)

**Northwest Riverside Clean Cities Coalition**  
[www.wrcog.cog.ca.us/clean-ci/profile1.htm](http://www.wrcog.cog.ca.us/clean-ci/profile1.htm)

### Other Useful Sites

**U.S. Department of Energy**  
[www.doe.gov](http://www.doe.gov)

**National Renewable Energy Laboratory**  
[www.nrel.gov](http://www.nrel.gov)

**Alternative Fuels Data Center**  
[www.afdc.doe.gov](http://www.afdc.doe.gov)

**Interstate Clean Transportation Corridor (ICTC)**  
[www.gladstein.org](http://www.gladstein.org)

**Clean Car Maps**  
[www.cleancarmaps.com](http://www.cleancarmaps.com)

## Web Notes

### Clean Corridors Online

THE INTERSTATE CLEAN TRANSPORTATION CORRIDOR *Project (ICTC)*, directed by Gladstein & Associates, LLC, has launched its comprehensive new website. The site, located at [www.gladstein.org](http://www.gladstein.org), features detailed information about the *ICTC Project*, available technologies, current activities, funding, events, and more! The *ICTC* is the nation's most successful public/private partnership dedicated to accelerating the increased market penetration of alternative fuels in the interstate movement of goods. The *ICTC* project is sponsored by: the U.S. Department of Energy's *Clean Cities Program*, California Air Resources Board, California Energy Commission, South Coast Air Quality Management District, San Bernardino Associated Governments, Mojave Desert Air Quality Management District, Riverside County Transportation Commission, and the U.S. Environmental Protection Agency – Region IX.

### Find Fuel Fast!

Finding fuel for your AFV just got easier with [Cleancarmaps.com](http://Cleancarmaps.com). This one stop web resource provides information on alternative fuel refueling locations and electric recharging stations throughout California. Users can choose from a range of alternative fuels that include electric, compressed and liquefied natural gas, propane, and methanol. Ethanol and hydrogen fueling facilities will be listed as soon as they become publicly available. Interactive maps by [MapQuest.com](http://MapQuest.com) assist users with quick and easy station identification and directions, and feedback is easily submitted on the website to keep all information as up-to-date as possible. [Cleancarmaps.com](http://Cleancarmaps.com) was developed by WestStart-CALSTART and sponsored by the South Coast Air Quality Management District.

## Shorts, continued from page 5

### EAST BAY (Oakland)

#### Oakland Adds 57 CNG Honda Civic GXs to Fleet

In the spirit of springtime, the City of Oakland is doing some serious fleet-cleaning – as noted by its recent purchase of 57 new, dedicated CNG Honda Civic GXs for use by various City agencies. In keeping with the City's goal of reducing pollution, the Super Ultra Low Emission Vehicle Civics, which reduce emissions by 98%, will replace conventional gasoline-powered vehicles. Additionally, the Hondas will reduce the City's use of gasoline in this class of vehicle by fully one-third, or approximately 1,100 gallons per month!! Other benefits include safe and reliable transportation and reduced maintenance costs.

See pages 6 and 7 for more about East Bay Clean Cities Coalition activities!

### REDWOOD EMPIRE/ SANTA BARBARA

#### Destination Designation

The Redwood Empire and Santa Barbara Coalitions have submitted their draft Clean Cities Coalition applications. We eagerly anticipate their designations before the end of the year!

*We look forward to your comments, suggestions & ideas for future newsletters.*

Contact us at: Gladstein & Associates, LLC

Phone: 310-314-1934 \* Fax: 310-314-9196 \* Website: [www.gladstein.org](http://www.gladstein.org)

Cliff Gladstein \* Terres Unsoeld \* Annabel Cook \* Sid Greenwald \* Elizabeth Munger \* Erik Neandross \* Kimberley Cline

## SunLine...

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in a cascade system where it is dispensed into hydrogen-powered vehicles. This electrolyzer system, designed by **Stuart Energy** now provides fuel to a hydrogen-powered pick-up truck, SunLine's 2 full-size hythane (80 percent CNG and 20 percent hydrogen) buses, and four fuel-cell carts operated by the City of Palm Desert. In the next few weeks Sunline will take delivery of two new hydrogen technologies: a full-size, **New Flyer** bus powered by a **Ballard** fuel cell engine, and a state-of-the-art reformer technology provided by **Hydrogen Burner Technology** that will also produce hydrogen from compressed natural gas.

For more information, contact Sharon O'Donnell at 760-343-3456x. 170.



Photo courtesy of SunLine Transit.



The CNG Honda Civic GX -- the cleanest internal combustion engine on earth!

